



Preliminary Surficial Geology of the Dove Spring Off-Highway Vehicle Open Area, Mojave Desert, California

By
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Geology mapped in 2003-2005 by David M. Miller and Lee Amoroso
Digital database by David M. Miller
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EXPLANATION

— — — — — **Contact**—Certain; dashed where uncertain; gray dashed line where gradational
.... — — — — **Fault**—Certain, dashed where uncertain; dotted where concealed

This map was printed on an electronic plotter directly from digital files. Dimensional calibration may vary between electronic plotters and between X and Y directions on the same plotter, and paper may change size due to atmospheric conditions; therefore, scale and proportions may not be true on plots of this map.

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Note on conventions for unit labels:
Unit nomenclature and conventions follow Yount and others (1994). Surficial geologic units in places exist as thin (<2 m thick) veneers over older units. In areas where this relationship is common the unit designators are shown on the map separated by a slash (/). The younger, or overlying, unit is indicated first. Thus, Qya/Qoa indicates an area where a veneer of young alluvial fan deposits overlies old alluvial deposits. Likewise, the lateral extent of individual deposits in places is so small that each deposit cannot be shown individually at the published map scale or gradations between map units prohibit assigning exact boundaries to areas underlain by single units. In these areas, the designators of deposits present are separated by a plus sign (+), with the most common deposit listed first. Thus, Qya1 + Qya2 indicates an area with both Qya1 and Qya2 deposits and associated surfaces, and that Qya1 is more common than Qya2.